

Amendments to the Claims

Claims 1-25 (canceled).

Claim 26 (currently amended): A system for sending information from a mobile input/output device to a primary processing unit for receiving and processing the information sent, and transmitting the processed information from the primary processing unit back to the mobile input/output device for display and use by a user ~~remote input/output for a processing unit, wherein said system comprises comprising:~~

~~a primary processing unit for processing data and handling a plurality of system resources including software and services~~

said primary processing unit, wherein said primary processing unit processes said information received from the mobile input/output device, stores said information, and handles a plurality of resources including one or more system services, one or more custom configurations, and one or more software applications, wherein said primary processing unit is connected to one or more servers for accessing said information stored in said servers;

[[a]] said mobile input/output ~~terminal device for the primary processing unit,~~ wherein said mobile input/output device accesses the primary processing unit and the resources of the primary processing unit for processing and storing the information provided by said user at said mobile input/output device, wherein said mobile input/output device cannot process the information and cannot temporarily store the information locally, ~~terminal enables a user to control the primary processing unit for all data processing and storage using said plurality of system resources;~~ and wherein the mobile input/output device is integratable with one of a cell phone and a personal digital assistant, and wherein the mobile input/output device comprises:

a user interface on said mobile input/output device for accepting said information input by said user of said mobile input/output device;

a transceiver [[means]] on the mobile input/output device terminal for transmitting said input information at the mobile input/output device to said primary processing unit for processing and receiving input/output signals to and from the electronic signals based on said processed input information from said primary processing unit over a third party communication network, wherein said third party communication network is one of a fixed line network and a wireless network;[[.]]

a processing unit at the mobile input/output device for rendering said received electronic signals into one or more of audio signals, visual signals, and a combination of both audio signals and visual signals;

an LCD screen for displaying said rendered visual signals as screen flashes to said user of the mobile input/output device; and

a speaker for presenting said rendered audio signals to the user as audio output at the mobile input/output device.

Claim 27 (currently amended): The system of claim 26, wherein the third party communication network is one of a wireless carrier network, a wireless local area network, a Wi-Fi connection, a Wi-Max connection and a publicly available “hotspot”, wherein the third party communication network provides an internet service.

Claim 28 (currently amended): The system of claim 26, wherein the third party communication network is one of a land line based broadband from an Internet service provider and a local area network providing Internet service via land line.

Claim 29 (currently amended): The system of claim 26, wherein the ~~mobile input/output terminal comprises a monitor having~~ LCD screen comprises a touch screen interface with or without an on-screen keyboard.

Claim 30 (currently amended): The system of claim 26, wherein the mobile input/output ~~terminal device~~ comprises a monitor, one of an external [[a]] keyboard, an on-screen keyboard, and a combination of an external keyboard and an on-screen keyboard, and further wherein the mobile input/output device comprises a mouse, a pointing device, and a combination of a mouse and a pointing device.

Claim 31 (currently amended): The system of claim 26, wherein the mobile input/output ~~device terminal~~ is a stand-alone mobile input/output device integratable with ~~integrated to and is part of~~ one of [[a]]said cell phone and [[a]]said personal digital assistant.

Claim 32 (currently amended): The system of claim 26, wherein the mobile input/output ~~device terminal~~ is integrated with [[to]] a laptop personal computer, and is accessed as an independent software application, and wherein said laptop personal computer utilizes one of a Windows operating system and a Mac operating system.

Claim 33 (currently amended): The system of claim 26, wherein the input information transmitted to the primary processing unit from the mobile input/output ~~terminal device~~ are unprocessed electronic signals.

Claim 34 (currently amended): The system of claim 26, wherein the primary processing unit is one of a personal computer and one or more of said servers ~~a server~~.

Claim 35 (currently amended): The system of claim 26, wherein the primary processing unit is networked with a plurality of personal computers and said servers in one of a local area network configuration and a wide area network configuration.

Claim 36 (original): The system of claim 26, wherein the primary processing unit runs one of a Windows operating system, a Mac operating system, a Unix operating system, and a Linux operating system.

Claim 37 (original): The system of claim 26, wherein the primary processing unit is an integral part of a multi-server system, further wherein the primary processing unit is used to operate on applications and databases within said multi-server system.

Claim 38 (currently amended): The system of claim 26, wherein the primary processing unit manipulates said software applications, said system services, said custom configurations, and [[data]] the information residing in [[a]]one or more remote data centers ~~center~~, in addition to ~~applications and data~~ the information residing locally ~~residing~~ in hard disk of the primary processing unit.

Claim 39 (currently amended): The system of claim 26, wherein the primary processing unit maintains uninterrupted connection to ~~a server providing~~ one of said servers that provide Internet service.

Claim 40 (currently amended): The system of claim 26, wherein the primary processing unit is ~~networked~~ connected with one or more shared peripherals, wherein the user of the mobile input/output device ~~terminal~~ remotely ~~controls~~ accesses said one or more shared peripherals.

Claim 41 (currently amended): The system of claim 26, wherein the primary processing unit and the mobile input/output ~~terminal~~ device is connected through an intermediating server, wherein said intermediating server performs switching functions and manages connections between multiple pairs of primary processing unit and mobile input/output device ~~terminal~~.

Claim 42 (currently amended): The system of claim 26, wherein the primary processing unit runs a virtual private communication network host and wherein the mobile input/output ~~terminal~~ device runs a corresponding client.

Claim 43 (currently amended): The system of claim 26, wherein the ~~connection~~ communication between the primary processing unit and the mobile input/output ~~terminal~~ device is routed through [[the]] Internet.

Claim 44 (currently amended): The system of claim 26, wherein connectivity between the primary processing unit and the mobile input/output ~~terminal~~ device is maintained through a specifically configured secure private network using one of point-to-point leased private lines and proprietary connectivity software of a wireless carrier.

Claim 45 (currently amended): The system of claim 26, wherein the mobile input/output ~~device~~ terminal further comprises ~~a microprocessor~~ a basic operating system where said basic operating system and said processing unit are specifically designed and configured to exclusively drive input and output peripherals of the mobile input/output ~~terminal~~ device and one of wireless connectivity and landline connectivity, and wherein the mobile input/output device is incapable of downloading one or more third-party software applications, locally executing said third-party software applications, and locally manipulating the third party software applications.

Claim 46 (currently amended): The system of claim 26, wherein the mobile input/output ~~terminal~~ device comprises multiple form factors based on user preference and custom configuration including detachability of peripherals.

Claim 47 (currently amended): The system of claim 26, wherein the mobile input/output ~~terminal~~ device is completely captive and stateless, further wherein the mobile input/output ~~terminal~~ device is enabled to boot through a control server establishing, continuously monitoring and controlling connectivity and systems operation.

Claim 48 (currently amended): A method for ~~remote input/output for a processing unit,~~
~~comprising the steps of:~~ sending information from a mobile input/output device to a
primary processing unit for receiving and processing the information sent, and
transmitting the processed information from the primary processing unit back to the
mobile input/output device for display and use by a user, wherein said method comprises:

entering said information by said user in said mobile input/output device;

digitizing and compressing said information by said mobile input/output device;

converting said digitized and compressed information to a plurality of electronic
signals by said mobile input/output device;

securely transmitting said electronic signals ~~user-generated raw input signals from~~
[[a]] said mobile input/output device terminal to [[a]] said primary processing unit
over a third party communication network, wherein said third party
communication network is one of a fixed line network or a wireless network;

receiving and decoding said input transmitted electronic signals by said
primary processing unit, wherein said ~~and translating the decoded~~
electronic input signals are translated into appropriate system input signals
for manipulating, processing, and storing [[data]] information at the
primary processing unit;

processing said system input signals by the primary processing unit using one or
more resources of the primary processing unit to obtain processed information,
wherein said resources include software and services accessible by the primary
processing unit;

translating the processed [[data]] information into audio-visual ~~output~~ electronic
signals at the primary processing unit;

compressing said audio-visual electronic signals and converting said compressed electronic audio-visual signals into cellular packets for transmission;

securely transmitting said ~~audio-visual output signals~~ cellular packets from the primary processing unit to said mobile input/output ~~terminal~~ device over said ~~third party~~ communication network;[[and]]

receiving said transmitted cellular packets by the mobile input/output device and decoding said received cellular transmission packets into electronic signals;

converting said decoded packets into audio-visual signals by the mobile input/output device; and

presenting said received audio-visual signals as one of an audio output, screen flashes, and a combination of both audio output and screen flashes at the mobile input/output device.

~~rendering audio-visual display at the mobile input/output terminal as screen flashes using said audio-visual output signals.~~

whereby said method of input information at the mobile input/output device enables said user to access the resources of the primary processing unit.

Claim 49 (new): The method of claim 48, wherein said information is entered into said mobile input/output device using one or more input devices, wherein said input devices comprise one or more of a keyboard, a pointer device, and any combination thereof.

Claim 50 (new): The method of claim 48, wherein said screen flashes are presented to said user using a display device, wherein said display device comprises a touch screen interface for receiving the information signals from the user through a pointer device.

Claim 51 (new): The system of claim 26, wherein said mobile input/output device runs complementary software, wherein said complementary software comprises:

a first layer for translating said information provided by said user into system input signals for use by an underlying operating system;

a second layer for digitizing and compressing said information;

a third layer for converting said compressed information into a plurality of cellular transmission packets, wherein said third layer compresses said cellular transmission packets; and

a fourth layer for transmitting said compressed cellular transmission packets over the third party communication network using said transceiver.